# ANNUAL LAUNCH SUMMARY BY BOOSTER

## Chart I
## 1958 - 1978

| LAUNCH VEHICLE | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | SUB TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AMROC | | | | | | | | | | | | | | | | | | | | | | 0 |
| ARGO-8 | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | 3 |
| ASTRID | | | | | | | | | | | | | | | | | | | | | | 0 |
| ASTROBEE 1500 | | | | 2 | 1 | | | | | | | | | | | | | | | | | 3 |
| ATLAS D | | 1 | 8 | 4 | 17 | 17 | 6 | 18 | 14 | 6 | | | | | | | | | | | | 91 |
| ATLAS E | | | | 1 | 3 | 7 | 2 | | | | 3 | | | | | | | | | | | 16 |
| ATLAS F | | | | | 3 | 5 | 4 | 2 | 2 | 11 | 12 | 7 | 5 | 4 | | 2 | 7 | 1 | 1 | 2 | 5 | 73 |
| ATLAS H | | | | | | | | | | | | | | | | | | | | | | 0 |
| ATLAS/AGENA A | | | 1 | 1 | | | | | | | | | | | | | | | | | | 2 |
| ATLAS/AGENA B | | | | 5 | 8 | 3 | | | | | | | | | | | | | | | | 16 |
| ATLAS/AGENA D | | | | | | 4 | 10 | 10 | 15 | 3 | | | | | | | | | | | 1 | 43 |
| ATLAS/BURNER II | | | | | | | | | | | 1 | | | | 1 | | | | | | | 2 |
| ATLAS/PRIME | | | | | | | | | 1 | 2 | | | | | | | | | | | | 3 |
| BLACK BRANT III | | | | | | 2 | | | | | | | | | | | | | | | | 2 |
| BOMARC A | | | | | | | | | 3 | 5 | 6 | 16 | 8 | 8 | 10 | | | | | | | 56 |
| BOMARC B | | | | | | | | | | | | | | | | 2 | 5 | 5 | 6 | 6 | 1 | 25 |
| CASTOR/SCRAMJET | | | | | | | | | | 1 | | | | | | | | | | | | 1 |
| DAC ROC | | | | | | 2 | | | | | | | | | | | | | | | | 2 |
| DEACON ARROW II | | | 3 | 1 | | | | | | | | | | | | | | | | | | 4 |
| DELTA | | | | | | | | | | | | | | | | | | | | | | 0 |
| GLCM | | | | | | | | | | | | | | | | | | | | | | 0 |
| HONEST JOHN/NIKE/NIKE | | | | | | 1 | 2 | | | | | | | | | | | | | | | 3 |
| KIVA/HOPA | | | 7 | | 1 | 1 | | | | | | | | | | | | | | | | 9 |
| MINUTEMAN A (I) | | | | | 2 | 17 | 18 | 3 | 10 | | | | | | | | | | | | | 50 |
| MINUTEMAN B (II) | | | | | | 6 | 34 | 21 | 30 | 34 | 10 | 20 | 19 | 16 | 6 | 11 | 6 | 8 | 3 | 3 | 4 | 231 |
| MINUTEMAN F (III) | | | | | | | | 4 | 10 | 13 | 12 | 25 | 26 | 17 | 10 | 6 | 7 | 4 | 7 | 3 | 3 | 147 |
| MINUTEMAN G (IIII) | | | | | | | | | | | | 5 | 10 | 17 | 14 | 10 | 11 | 11 | 11 | 13 | 10 | 112 |
| NIKE/AEROBEE | | | | | | | | | | | | | | 2 | 2 | | | | | | | 4 |
| NIKE/ASP | | 12 | | | | | | | | | | | | | | | | | | | | 12 |
| NIKE/CAJUN | | | 3 | | | | | | | | | | | | | | | | | | | 3 |
| NIKE/JAVELIN | | | | | | | | | 2 | | | | | | | | | | | | | 2 |
| NIKE/VIPER I | | | 4 | | | | | | | | | | | | | | | | | | | 4 |
| PAIUTE TOMAHAWK | | | | | | | | | | | | | | | | | | 1 | | | | 1 |
| PEACEKEEPER | | | | | | | | | | | | | | | | | | | | | | 0 |
| SCOUT | | | | | 4 | 6 | 5 | 2 | 7 | 7 | 4 | 2 | 1 | 1 | 3 | 1 | 4 | 2 | 2 | 1 | 1 | 53 |
| SCOUT JUNIOR | | | | 1 | 4 | 4 | 2 | | | | | | | | | | | | | | | 11 |
| SEAGULL | | | | | | 1 | | | | | | | | | | | | | | | | 1 |
| SERGEANT/LANCEA | | | 1 | 1 | | | | | | | | | | | | | | | | | | 2 |
| SMALL ICBM | | | | | | | | | | | | | | | | | | | | | | 0 |
| TAT/AGENA B | | | | | | 1 | | | | | | | | | | | | | | | | 1 |
| TAT/AGENA D | | | | | | 10 | 20 | 15 | 11 | 6 | 1 | | | | | | | | | | | 63 |
| TAURUS | | | | | | | | | | | | | | | | | | | | | | 0 |
| TERRIER/ASP IV | | | | | 2 | | | | | | | | | | | | | | | | | 2 |
| THOR (IRBM) | 1 | 10 | 5 | 4 | 2 | | | | | | | | | | | | | | | | | 22 |
| THOR/ABLE-STAR | | | | | | | 2 | 3 | 3 | | | | | | | | | | | | | 8 |
| THOR/AGENA A | | 8 | 7 | | | | | | | | | | | | | | | | | | | 15 |
| THOR/AGENA B | | | 4 | 17 | 18 | | | 2 | | | | | | | | | | | | | | 41 |
| THOR/AGENA D | | | | | 8 | 9 | 2 | 3 | | | | | | | | | | | | | | 22 |
| THOR/ALTAIR | | | | | | | | | 4 | 2 | | | | | | | | | | | | 6 |
| THOR/BLOCK 50-1 | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 3 |
| THOR/BURNER II | | | | | | | | | | 1 | 4 | 2 | 1 | 2 | 2 | | | | | | | | 12 |
| THOR/BURNER IIA | | | | | | | | | | | | | | | 1 | 2 | 1 | 2 | 1 | 1 | | | 8 |
| THOR/DELTA | | | | | | | | | | 1 | 4 | 4 | 2 | 2 | 2 | 5 | 3 | 1 | 5 | 2 | | 2 | 33 |
| THORAD/AGENA D | | | | | | | | | | 2 | 6 | 10 | 10 | 7 | 6 | 2 | | | | | | | 43 |
| TITAN I | | | | 2 | 5 | 10 | 1 | 2 | | | | | | | | | | | | | | | 20 |
| TITAN II | | | | | | 7 | 8 | 14 | 9 | 4 | 5 | 1 | | | 2 | 2 | 1 | 1 | 3 | 1 | | | 58 |
| TITAN II SLV | | | | | | | | | | | | | | | | | | | | | | | 0 |
| TITAN IIIB/AGENA D | | | | | | | | | 3 | 7 | 8 | 6 | 5 | 5 | 5 | 5 | 4 | 3 | 3 | 4 | 2 | 2 | 57 |
| TITAN IIID | | | | | | | | | | | | | | | 1 | 3 | 3 | 2 | 2 | 2 | 1 | 2 | 16 |
| TITAN 34D | | | | | | | | | | | | | | | | | | | | | | | 0 |
| TITAN IV | | | | | | | | | | | | | | | | | | | | | | | 0 |
| UTE/TOMAHAWK | | | | | | | | | | | | | | | | | | | 1 | | | | 1 |
| SUB TOTAL | 1 | 31 | 43 | 40 | 79 | 116 | 119 | 101 | 123 | 113 | 78 | 95 | 85 | 84 | 65 | 44 | 49 | 47 | 41 | 32 | 32 | 1,418 |

# ANNUAL LAUNCH SUMMARY BY BOOSTER

## Chart II
## 1979 - 1996

| LAUNCH VEHICLE | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | SUB TOTAL | GRAND TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AMROC | | | | | | | | | | | 1 | | | | | | | | 1 | 1 |
| ARGO-8 | | | | | | | | | | | | | | | | | | | 0 | 3 |
| ASTRID | | | | | | | | | | | | | | | | 1 | | | 1 | 1 |
| ASTROBEE 1500 | | | | | | | | | | | | | | | | | | | 0 | 3 |
| ATLAS D | | | | | | | | | | | | | | | | | | | 0 | 91 |
| ATLAS E | | 1 | 1 | 1 | 3 | 3 | 2 | 1 | 1 | 2 | | 2 | 2 | | 1 | 2 | 1 | | 23 | 39 |
| ATLAS | 2 | 4 | 1 | | | | | | | | | | | | | | | | 7 | 80 |
| ATLAS H | | | | | 2 | 1 | | 1 | 1 | | | | | | | | | | 5 | 5 |
| ATLAS/AGENA A | | | | | | | | | | | | | | | | | | | 0 | 2 |
| ATLAS/AGENA B | | | | | | | | | | | | | | | | | | | 0 | 16 |
| ATLAS/AGENA D | | | | | | | | | | | | | | | | | | | 0 | 43 |
| ATLAS/BURNER II | | | | | | | | | | | | | | | | | | | 0 | 2 |
| ATLAS/PRIME | | | | | | | | | | | | | | | | | | | 0 | 3 |
| BLACK BRANT III | | | | | | | | | | | | | | | | | | | 0 | 2 |
| BOMARC A | | | | | | | | | | | | | | | | | | | 0 | 56 |
| BOMARC B | 1 | 3 | | 2 | | | | | | | | | | | | | | | 6 | 31 |
| CASTOR/SCRAMJET | | | | | | | | | | | | | | | | | | | 0 | 1 |
| DAC ROC | | | | | | | | | | | | | | | | | | | 0 | 2 |
| DEACON ARROW II | | | | | | | | | | | | | | | | | | | 0 | 4 |
| DELTA | | | 2 | 1 | 2 | 1 | | | | | 1 | | | | | | | | 7 | 7 |
| DELTA II | | | | | | | | | | | | | | | | | 1 | 2 | 3 | 3 |
| GLCM | | | | | | | 1 | | | | | | | | | | | | 1 | 1 |
| HONEST JOHN/NIKE/NIKE | | | | | | | | | | | | | | | | | | | 0 | 3 |
| KIVA/HOPA | | | | | | | | | | | | | | | | | | | 0 | 9 |
| LOCKHEED LAUNCH VEHICLE (LLV-1) | | | | | | | | | | | | | | | | | 1 | | 1 | 1 |
| MINUTEMAN A (I) | | | | | | | | | | | | | | | | | | | 0 | 50 |
| MINUTEMAN B (I) | 6 | 5 | 5 | 1 | 5 | 2 | 1 | 1 | 2 | 1 | | 1 | 3 | 2 | 1 | | | | 36 | 267 |
| MINUTEMAN F (II) | 4 | 1 | | 3 | 2 | 1 | | | 3 | | | | | | | | | | 14 | 161 |
| MINUTEMAN G (III) | 10 | 9 | 8 | 6 | 7 | 7 | 6 | 7 | 8 | 5 | 7 | 6 | 4 | 4 | 3 | 4 | 2 | 3 | 106 | 218 |
| NIKE/AEROBEE | | | | | | | | | | | | | | | | | | | 0 | 4 |
| NIKE/ASP | | | | | | | | | | | | | | | | | | | 0 | 12 |
| NIKE/CAJUN | | | | | | | | | | | | | | | | | | | 0 | 3 |
| NIKE/JAVELIN | | | | | | | | | | | | | | | | | | | 0 | 2 |
| NIKE/VIPER I | | | | | | | | | | | | | | | | | | | 0 | 4 |
| PAIUTE TOMAHAWK | | | | | | | | | | | | | | | | | | | 0 | 1 |
| PEACEKEEPER | | | | | 3 | 3 | 4 | 5 | 2 | | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 39 | 39 |
| PEGASUS | | | | | | | | | | | | | | | | | 2 | 3 | 5 | 5 |
| SCOUT | 1 | | 1 | | 1 | 1 | 1 | 1 | 1 | 3 | | 1 | 1 | 2 | 1 | 1 | | | 16 | 69 |
| SCOUT JUNIOR | | | | | | | | | | | | | | | | | | | 0 | 11 |
| SEAGULL | | | | | | | | | | | | | | | | | | | 0 | 1 |
| SERGEANT/LANCEA | | | | | | | | | | | | | | | | | | | 0 | 2 |
| SMALL ICBM | | | | | | | | | | | 1 | | 1 | | | | | | 2 | 2 |
| TAT/AGENA B | | | | | | | | | | | | | | | | | | | 0 | 1 |
| TAT/AGENA D | | | | | | | | | | | | | | | | | | | 0 | 63 |
| TAURUS | | | | | | | | | | | | | | | | 1 | | | 1 | 1 |
| TERRIER/ASP IV | | | | | | | | | | | | | | | | | | | 0 | 2 |
| THOR (IRBM) | | | | | | | | | | | | | | | | | | | 0 | 22 |
| THOR/ABLE-STAR | | | | | | | | | | | | | | | | | | | 0 | 8 |
| THOR/AGENA A | | | | | | | | | | | | | | | | | | | 0 | 15 |
| THOR/AGENA B | | | | | | | | | | | | | | | | | | | 0 | 41 |
| THOR/AGENA D | | | | | | | | | | | | | | | | | | | 0 | 22 |
| THOR/ALTAIR | | | | | | | | | | | | | | | | | | | 0 | 6 |
| THOR/BLOCK 5D-1 | 1 | 1 | | | | | | | | | | | | | | | | | 2 | 5 |
| THOR/BURNER II | | | | | | | | | | | | | | | | | | | 0 | 12 |
| THOR/BURNER IIA | | | | | | | | | | | | | | | | | | | 0 | 8 |
| THOR/DELTA | | | | | | | | | | | | | | | | | | | 0 | 33 |
| THORAD/AGENA D | | | | | | | | | | | | | | | | | | | 0 | 43 |
| TITAN I | | | | | | | | | | | | | | | | | | | 0 | 20 |
| TITAN II | | | | | | | | | | | | | | | | | | | 0 | 58 |
| TITAN II SLV | | | | | | | | | | 1 | 1 | | | 1 | 1 | 1 | | | 5 | 5 |
| TITAN IIIB/AGENA D | 1 | 1 | 2 | 1 | 2 | 2 | 1 | | 1 | | | | | | | | | | 11 | 68 |
| TITAN IIID | 1 | 2 | 1 | 2 | | | | | | | | | | | | | | | 6 | 22 |
| TITAN 34D | | | | | 1 | 2 | 1 | 1 | 1 | 1 | | | | | | | | | 7 | 7 |
| TITAN IV | | | | | | | | | | | | | 2 | 1 | 1 | | 1 | 1 | 6 | 6 |
| UTE/TOMAHAWK | | | | | | | | | | | | | | | | | | | 0 | 1 |
| SUB TOTAL | 27 | 27 | 21 | 17 | 28 | 23 | 17 | 17 | 20 | 13 | 13 | 13 | 16 | 13 | 11 | 13 | 11 | 11 | 311 | 1,729 |